Table 1 RbR Change Table: This table identifies modifications to existing requirements in the Rbr Class 7/31 baseline of the RTM Database

RBR_id	req_key	req_cate gory	segment	req_type	s_verif_ method	s_verif_sta t	a_verif _metho d	a_verif_st at	C C R	text
SMC-0300#A	5401	mission essential	CSMS	functional	analysis	un-verified	analysis	un-verified		The SMC shall be designed to accommodate 100 percent growth in processing speed without requiring modifications or upgrades to existing applications software.
SMC-0310#A	4211	mission essential	CSMS	functional	analysis	un-verified	analysis	un-verified		The SMC shall be designed to accommodate 100 percent growth in storage capacity without requiring modifications or upgrades to existing applications software.
SMC-0320#A	6302	mission essential	SDPS|CS	functional	test	un-verified	test	un-verified		The SMC shall be capable of scheduling ground activities to a minimum of one minute resolution.
SMC-0340#A	4212	mission critical	CSMS	functional	test	un-verified	test	un-verified		The SMC shall have the capability of responding to system faults within a maximum of five minutes.
SMC-0350#A	4213	mission critical	CSMS	security	test	un-verified	test	un-verified		The SMC shall have the capability of responding to security compromises within a maximum of five minutes.
SMC-1000#A	4214	mission essential	CSMS	functional	test	un-verified	test	un-verified		The SMC shall provide application programming interfaces (APIs) for the monitoring and control of managed resources. These APIs shall provide mechanisms for:a. Capturing, by an application, of management datab. Exchanging management data between a manage

Table 1 RbR Change Table: This table identifies modifications to existing requirements in the Rbr Class 7/31 baseline of the RTM Database

RBR_id	req_key	req_category	segment	req_type	s_verif_method	s_verif_stat	s_verif_method	a_verif_stat	CCR	text
SMC-1300#A	6277	mission critical	CSMS	functional	test	un-verified	test	un-verified		The SMC shall support and maintain the ECS policies and procedures regarding instrument and ground event scheduling, including, at a minimum:a. Mission and science guidelinesb. Directives for scheduling instrument data ingest, processing, reprocessing, re
SMC-1310#A	6279	mission essential	SDPS	functional	test	un-verified	test	un-verified		The SMC shall support and maintain the allocation of ground event functions and capabilities to each site and element.
SMC-1320#A	6282	mission essential	SDPS	functional	test	un-verified	test	un-verified		The SMC shall support and maintain priorities used in scheduling ground events.
SMC-1330#A	6285	mission critical	CSMS	functional	test	un-verified	test	un-verified		The SMC shall support and maintain the information for end-to-end data ingest, processing, reprocessing, archive, and data distribution for each product, including, at a minimum:a. Product informationb. Product generation informationc. Product delivery in

RBR_id	req_key	req_category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	CCR	text
SMC-1340#A	6287	mission essential	SDPS	functional	test	un-verified	test	un-verified		The SMC shall generate scheduling directives for system level, site-to-site, and element-to-element integration, testing, and simulation activities.

Table 1 RbR Change Table: This table identifies modifications to existing requirements in the Rbr Class 7/31 baseline of the RTM D

RBR_id	req_key	req_category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	CCR	text
SMC-1345#A	4229	mission critical	CSMS	functional/procedural	test	un-verified	test	Un verified		The LSM shall perform priority management services to resolve conflicts for ECS resources.
SMC-1360#A	6290	mission critical	CSMS	functional	test	un-verified	test	un-verified		The SMC shall generate ground resource scheduling directives, or recommendations for FOS elements, in response to emergency situations.
SMC-2110#A	4233	mission essential	CSMS	functional	demo	un-verified	demo	un-verified		The SMC shall have the capability to generate managerial and operational directives affecting, at a minimum, an elements:a. Operational statusb. Resource allocationc. Upgrade

SMC-2115#A	6488	mission essential	CSMS	functional	analysis	un-verified	demo	un-verified	The LSM shall convey for site or element implementation, the managerial and operational directives regarding the allocation or upgrade of any elementĺs hardware and scientific and systems software.
SMC-2120#A	4237	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The SMC shall make available for automated distribution to authorized users all unlicensed toolkit software, toolkit software upgrades, and toolkit documentation.

Table 1 RbR Change Table: This table identifies modifications to existing requirements in the Rbr Class 7/31 baseline of the RTM [

RBR_id	req_key	req_category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	CCR	text
SMC-2200#A	4239	mission essential	CSMS	procedural/ Operational	demo	un-verified	demo	un-verified		The SMC shall assist each site or element, when necessary, in the performance of on-site preventive and corrective hardware and systems software maintenance.
SMC-2300#A	4241	mission critical	CSMS	functional	demo	un-verified	demo	un-verified		The SMC shall monitor the spares inventory within each element.
SMC-2305#A	4242	mission critical	CSMS	functional	demo	un-verified	demo	un-verified		The LSM shall monitor the spares inventory within its element.
SMC-2310#A	4244	mission critical	CSMS	functional	demo	un-verified	demo	un-verified		The SMC shall oversee the replenishment of spare parts for all elements.
SMC-2315#A	4245	mission critical	CSMS	functional	demo	un-verified	demo	un-verified		The LSM shall manage the replenishment of spare parts within its element.
SMC-2320#A	4247	mission essential	CSMS	functional	demo	un-verified	demo	un-verified		The SMC shall monitor the consumable inventory within each element for items used by the system including, at a minimum:a. Computer tapesb. Computer disksc. Computer paper

SMC-2325#A	4250	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The LSM shall monitor the consumable inventory within its element for items used by the system including, at a minimum:a. Computer tapesb. Computer disksc. Computer paper
SMC-2330#A	4251	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The SMC shall monitor the replenishment of consumable items for all elements.
SMC-2335#A	4254	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The LSM shall manage the replenishment of consumable items for its element.
SMC-2400#A	4257	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The SMC shall support the management of training and certification programs for ECS.
SMC-2405#A	4259	mission fulfillment	CSMS	functional	analysis	un-verified	analysis	un-verified	The LSM shall coordinate with the SMC in managing the training program for its element.
SMC-2410#A	4261	mission fulfillment	CSMS	functional	demo	un-verified	demo	un-verified	The SMC shall provide support for the development of schedules for training courses.
SMC-2415#A	4264	mission fulfillment	CSMS	functional	analysis	un-verified	analysis	un-verified	The LSM shall receive from the SMC descriptions and schedules for training courses.

SMC-2420#A	4266	mission fulfillment	CSMS	functional	demo	un-verified	demo	un-verified	The SMC shall support the development of on-the-job training.
SMC-2430#A	4268	mission fulfillment	CSMS	functional	demo	un-verified	demo	un-verified	The SMC shall support the development and use of training materials.
SMC-2450#A	4270	mission fulfillment	CSMS	functional	demo	un-verified	demo	un-verified	The SMC shall support the evaluation of the effectiveness of the training programs.
SMC-2500#A	4272	mission essential	CSMS	functional	test	un-verified	test	un-verified	The SMC shall establish and maintain a system-wide inventory of all hardware, scientific and system software contained within ECS, including at a minimum:a. Hardware or software identification numbersb. Version numbers and datesc. Manufacturerd. Part nu
SMC-2505#A	6489	mission critical	CSMS	functional	test	un-verified	demo	un-verified	The LSM shall update the system-wide inventory data base consisting of all hardware, system software, and scientific software contained within its element.
SMC-2510#A	4274	mission essential	CSMS	functional	analysis	un-verified	analysis	un-verified	The SMC shall provide at a minimum system-wide configuration management for the operational hardware, scientific and system software, and the SMC toolkit contained within ECS. The management system shall support the migration of hardware and software up

SMC-2515#A	4275	mission critical	CSMS	functional/operational	test	un-verified	test	un-verified	The LSM shall provide configuration management for at least the operational hardware, system software, and scientific software within its element and for the migration of enhancements into the operational system.
SMC-2520#A	4276	mission essential	CSMS	functional	analysis	un-verified	analysis	un-verified	The SMC shall evaluate received system enhancement requests to determine, at a minimum:a. Technical feasibilityb. Implementation schedulec. Expected costsd. Existing system-wide hardware and software impacts
SMC-2530#A	4278	mission essential	CSMS	functional	analysis	un-verified	analysis	un-verified	Upon approval of a system enhancement, the SMC shall provide overall management of the implementation of the approved changes to the hardware and system software.
SMC-2535#A	4279	mission essential	CSMS	functional	analysis	un-verified	analysis	un-verified	Upon approval of an enhancement, the LSM shall facilitate the implementation of the approved changes within an elements hardware and software.
SMC-2540#A	4280	mission essential	CSMS	functional	analysis	un-verified	analysis	un-verified	Upon approval to include a fully tested enhancement to the algorithms, the SMC shall provide overall management of the implementation of the approved and modified software into the operational environment.

SMC-2600#A	4281	mission fulfillmen t	CSMS	security	inspection	un-verified	inspectio	un-verified	The SMC shall support, control, and maintain ECS policies and procedures covering the following areas, at a minimum:a. Site or element responsibility and authorityb. Resource managementc. Fault recoveryd. Testinge. Simulationf. Maintenanceg. Logisticsh. P
SMC-2605#A	6490	mission fulfillmen t	CSMS	security	analysis	un-verified	demo	un-verified	The LSM shall support the site and element in implementing ESDIS Project policies and procedures received from the SMC covering the following areas, at a minimum:a. Element responsibility and authorityb. Resource managementc. Fault recoveryd. Testinge. S
SMC-2610#A	4283	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The SMC shall provide and maintain a bulletin board service with information on ECS status, events, and news.
SMC-2620#A	4284	mission essential	CSMS	functional	inspection	un-verified	inspectio	un-verified	The SMC shall maintain via the ECS bulletin board service, the SMC toolkit consisting of a list of SDPS approved CASE tools and references to standards for exchanging data for scientist use.
SMC-3300#A	4285	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The SMC shall monitor site and element hardware status to determine their operational states including, at a minimum:a. On-lineb. Failedc. In maintenanced. In test modee. In simulation mode

SMC-3305#A	4286	mission critical	CSMS	functional	test	un-verified	test	un-verified	The LSM shall monitor its elements hardware, and scientific and system software status to determine their operational states including, at a minimum :a. On-lineb. Failed c. In maintenanced. In test modee. In simulation mode
SMC-3315#A	6296	mission essential	SDPS	functional	demo	un-verified	demo	un-verified	The LSM shall monitor its elements schedule and execution of events.
SMC-3320#A	6298	mission essential	CSMS	procedural/operational	demo	un-verified	demo	un-verified	The SMC shall monitor execution of ground operations events.
SMC-3325#A	4293	mission critical	SDPS	functional	demo	un-verified	demo	un-verified	The LSM shall monitor execution of ground operations events.
SMC-3330#A	6300	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The SMC shall compare and evaluate system-wide, site, and element actual schedule performance against planned schedule performance.

SMC-3335#A	4297	mission critical	CSMS	functional	test	un-verified	test	un-verified	The LSM shall compare and evaluate its elements actual schedule performance against planned schedule performance.
SMC-3340#A	4299	mission critical	CSMS	functional	analysis	un-verified	analysis	un-verified	The SMC shall perform quality assurance for the overall ECS performance as well as programmatic areas that include, at a minimum:a. System quality testing, benchmarks, and audits for system enhancement implementationsb. System quality checking and audits
SMC-3345#A	6492	mission critical	CSMS	functional	analysis	un-verified	demo	un-verified	The LSM shall perform quality assurance for its site/elements performance as well as programmatic areas that includes, at a minimum:a. Quality testing, benchmarks and audits for element enhancement implementationsb. Quality checking and audits of products
SMC-3350#A	4302	mission critical	CSMS	functional	analysis	un-verified	analysis	un-verified	The SMC shall generate, maintain, and update performance criteria and responses to performance deficiencies for system, site, and element resources and activities, such as:a. Data collectionb. Product generation, QA and validationc. Reprocessingd. Data de
SMC-3355#A	4303	mission essential	CSMS	functional	analysis	un-verified	analysis	un-verified	The LSM shall implement the performance criteria from SMC (including parametric limits and operational threshold levels) for evaluating element resource performance.

SMC-3370#A	6493	mission critical	CSMS	functional	analysis	un-verified	test	un-verified	For each performance parameter, the SMC shall have the capability of establishing multiple levels of thresholds to include, at a minimum:a. On/offb. Pass/failc. Various levels of degradation
SMC-3375#A	4305	mission critical	CSMS	functional	test	un-verified	test	un-verified	For each limit checked parameter, the LSM (including those thresholds directed by the SMC) shall have the capability of evaluating multiple levels of thresholds including, at a minimum:a. On/offb. Pass/failc. Various levels of degradation
SMC-3380#A	6350	mission essential	CSMS	functional	analysis	un-verified	analysis	un-verified	The SMC shall evaluate the overall system performance including the analysis of EBnet related fault and performance information and their long term trend analysis to determine the impact to ECS system.
SMC-3385#A	4307	mission critical	CSMS	functional	analysis	un-verified	analysis	un-verified	The LSM shall evaluate system performance against the ESDIS project established performance criteria.
SMC-3390#A	4308	mission critical	CSMS	functional	test	un-verified	test	un-verified	The SMC shall generate alert indicators of fault or degraded conditions with the corrective actions.
SMC-3395#A	4309	mission critical	CSMS	functional	test	un-verified	test	un-verified	The LSM shall generate, in response to each limit check threshold, alert indicators of fault or degraded conditions.

SMC-3397#A	4310	mission critical	CSMS	functional	test	un-verified	test	un-verified	The LSM shall generate, as needed, requests for performance testing, including, at a minimum:a. Resource to be testedb. Test purposec. Requested test priorityd. Required test environmente. Impacts to operationsf. Expected test results
SMC-3400#A	4311	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The SMC shall generate, as needed, requests for performance testing that includes, at a minimum:a. Resource to be testedb. Test purposec. Requested test priorityd. Required test environmente. Impacts to operationsf. Expected test results
SMC-3410#A	4312	mission essential	CSMS	functional	analysis	un-verified	analysis	un-verified	The SMC shall perform short and long-term trend analysis of system, site, and element performance to include, at a minimum:a. Operational statusb. Performance of a particular resourcec. Maintenance activities (e.g., number of repairs per item)
SMC-3415#A	4313	mission essential	CSMS	functional	test	un-verified	test	un-verified	The LSM shall perform short and long-term trend analysis of element performance, including, at a minimum:a. Operational statusb. Performance of a particular resourcec. Maintenance activities (e.g., number of repairs per item)

SMC-3420#A	4317	mission essential	CSMS	functional	analysis	un-verified	analysis	un-verified	The SMC shall perform short and long term trend analysis of system, site, and element performance to determine the impact on resources of, at a minimum:a. Modifying system, site, or element activity allocationsb. Potential enhancements to system, site, or
SMC-3421#A	6494	mission essential	CSMS	functional	analysis	un-verified	inspectio	un-verified	The SMC shall analyze user feedback information supporting the development of recommended remedial or enhancement actions.
SMC-4300#A	4319	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The SMC shall support, maintain, and update system fault management policies and procedures including, at a minimum:a. Fault identificationb. Fault prioritiesc. Recovery or corrective actions
SMC-4305#A	4321	mission essential	CSMS	functional	analysis	un-verified	analysis	un-verified	The LSM shall maintain fault management policies and procedures for its element.
SMC-4310#A	4322	mission essential	CSMS	functional	analysis	un-verified	analysis	un-verified	The SMC shall perform fault analysis including, at a minimum:a. Isolationb. Locationc. Identificationd. Characterization
SMC-4311#A	4323	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The SMC shall have the capability to perform fault analysis to the level of, at a minimum:a. Subsystemb. Equipment

SMC-4315#A	4324	mission critical	CSMS	functional	test	un-verified	test	un-verified	The LSM shall, at a minimum, isolate, locate, and identify faults, identify subsystem, equipment, and software faults, and identify the nature of the faults within its element.
SMC-4320#A	4325	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	SMC shall support fault diagnosis testing to include, at a minimum:a. Software and hardware tolerance testingb. Resource-to-resource connectivity testing
SMC-4325#A	4326	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The LSM shall request fault diagnosis testing be performed, including, at a minimum:a. Software and hardware tolerance testingb. Resource-to-resource connectivity testing within its element
SMC-4330#A	4328	mission essential	CSMS	functional	test	un-verified	test	un-verified	SMC shall have the capability to generate fault recovery commands, directives, and instructions to sites and elements except for faults directly related to flight operations.
SMC-4335#A	4329	mission critical	CSMS	functional	test	un-verified	test	un-verified	The LSM shall generate fault recovery commands, directives, and instructions within its element.
SMC-5300#A	4330	mission essential	CSMS	security	analysis	un-verified	analysis	un-verified	The SMC shall, in conjunction with sites and elements, establish, support, maintain, and update security policies and procedures to include, at a minimum:a. Physical securityb. Password managementc. Operational securityd. Data securitye. Privilegesf. Netw

SMC-5305#A	4331	mission critical	CSMS	security	analysis	un-verified	analysis	un-verified	The LSM shall maintain security policies and procedures, including, at a minimum:a. Physical securityb. Password managementc. Operational securityd. Data classificationse. Access/privilegesf. Compromise mitigation
SMC-5320#A	4332	mission critical	CSMS	security	test	un-verified	test	un-verified	The SMC shall establish, maintain, and authenticate access privileges for ECS scientific users.
SMC-5325#A	4334	mission critical	CSMS	security	test	un-verified	test	un-verified	The LSM shall promulgate, maintain, authenticate, and monitor user and device accesses and privileges.
SMC-5330#A	4338	mission critical	CSMS	security	test	un-verified	test	un-verified	The SMC shall provide support, manage, maintain, and request security testing that includes, at a minimum, password checking and control of site and element internal privileges.
SMC-5335#A	4340	mission critical	CSMS	security	test	un-verified	test	un-verified	The LSM shall perform security testing that includes, at a minimum, password auditing and element internal access/privileges checking.
SMC-5340#A	4342	mission critical	CSMS	security	analysis	un-verified	analysis	un-verified	The SMC shall perform security risk analyses and compromise detection.
SMC-5345#A	6495	mission critical	CSMS	security	analysis	un-verified	inspectio	un-verified	The LSM shall perform compromise (e.g., virus or worm penetration) risk analysis, and detection.
SMC-5350#A	4344	mission critical	CSMS	security	demo	un-verified	demo	un-verified	The SMC shall have the capability to initiate recovery procedures in response to a detected security compromise.
SMC-5355#A	4345	mission critical	CSMS	security	test	un-verified	test	un-verified	The LSM shall isolate the compromised area, detach the compromised input I/O, and the compromised areas output I/O until the compromise has been eliminated.

SMC-5365#A	4346	mission critical	CSMS	security	test	un-verified	test	un-verified	The LSM shall generate recovery actions in response to the detection of compromises.
SMC-6300#A	4347	mission essential	CSMS	functional	analysis	un-verified	analysis	un-verified	The SMC shall support, maintain, and update accountability policies and procedures based on ESDIS Project policies and procedures.
SMC-6310#A	4348	mission essential	CSMS	security	demo	un-verified	demo	un-verified	The SMC shall perform, as needed, security audit trails.
SMC-6315#A	4350	mission essential	CSMS	security	demo	un-verified	demo	un-verified	The LSM shall perform, as needed, security audit trails within its element.
SMC-6320#A	4351	mission essential	CSMS	security	demo	un-verified	demo	un-verified	The SMC shall perform, as needed, data and user audit trails.
SMC-6325#A	4352	mission essential	SDPS|CS	security	demo	un-verified	demo	un-verified	The LSM shall perform, as needed, data and user audit trails within its element.
SMC-6330#A	4354	mission essential	CSMS	functional	test	un-verified	test	un-verified	The SMC shall establish, maintain, and update a data tracking system that, at a minimum:a. Tracks data transport from system input to system outputb. Allows the status of all product-production activities to be determined
SMC-6335#A	4355	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The LSM shall, as needed, maintain and update a data tracking system that, at a minimum:a. Tracks data transport from element input to element outputb. Allows the status of all product-production activities to be determined
SMC-6340#A	4357	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The SMC shall track system configuration that, at a minimum, audits:a. Hardware resourcesb. Software resources

SMC-6345#A	4358	mission essential	CSMS	functional	demo	un-verified	demo	un-verified	The LSM shall, as needed, perform configuration accountability to include, at a minimum, the audit of hardware and software resources within its element.
SMC-7300#A	4359	mission critical	CSMS	functional	test	un-verified	test	un-verified	The SMC shall establish, maintain, and update the authorized users inventory to include, at a minimum:a. Users identificationsb. Addressesc. Allowed privileges
SMC-7310#A	4360	mission essential	CSMS	functional	test	un-verified	test	un-verified	The SMC shall establish, maintain, and update the approved facility and equipment inventory to include, at a minimum:a. Facility and equipment identificationb. Addressesc. Allowed accesses to privileges
SMC-7320#A	4361	mission essential	CSMS	functional	test	un-verified	test	un-verified	The SMC shall establish, maintain, and update the system profile, as opposed to science data profile, inventory to include, at a minimum:a. Data identificationsb. Data purposesc. Data locationsd. Data classifications (proprietary, open, confidential, etc.
SMC-8300#A	4362	mission essential	CSMS	functional	test	un-verified	test	un-verified	The SMC shall have a generalized report generator with the capability to customize output reports covering, at a minimum, data previously captured in a management DBMS including: a. All or portions of the systemb. Variable amounts of time

SMC-8305#A	4364	mission essential	CSMS	functional	test	un-verified	test	un-verified	The LSM shall have the same report generator capability as for the SMC, except it shall be limited to generating reports covering only its particular site or its particular element.
SMC-8700#A	4366	mission essential	CSMS	functional	test	un-verified	test	un-verified	The SMC shall have the capability to generate a functional allocation report which gives the current allocation of ground segment functions to the sites and elements, including, at a minimum:a. The allocation of generation and storage function by standard
SMC-8705#A	4367	mission essential	CSMS	functional	test	un-verified	test	un-verified	The LSM shall have the capability to generate the same types of reports listed under the SMC report generation service, except that each report shall cover only its particular site or its particular element.
SMC-8710#A	4368	mission essential	CSMS	functional	test	un-verified	test	un-verified	The SMC shall have the capability to generate summary configuration status reports that includes, at a minimum:a. Current status of all hardware, system and scientific softwareb. Reason why item not currently operational.
SMC-8750#A	4369	mission fulfillmen t	CSMS	functional	analysis	un-verified	analysis	un-verified	The SMC shall have the capability to generate detailed and summary training reports, including, at a minimum:a. Training programsb. Training course schedules c. Training course contentsd. Training course locations e. Training attendees

SMC-8770#A	4370	mission essential	CSMS	functional	test	un-verified	test	un-verified	The SMC shall have the capability to generate, at a minimum, detailed and summary reports showing the inventory of:a. Hardware, system, and scientific softwareb. Spares and consumables
SMC-8790#A	4371	mission fulfillmen t	CSMS	functional	analysis	un-verified	analysis	un-verified	The SMC shall have the capability to generate, as necessary, a list of proposed enhancements with at least these elements:a. Proposal nameb. Description of enhancementc. Rationaled. Impactse. Costsf. Milestone schedule
SMC-8800#A	4372	mission essential	CSMS	functional	test	un-verified	test	un-verified	The SMC shall have the capability to generate detailed and summary reports indicating the overall performance of the ECS. At a minimum, they shall include:a. Scheduled versus actual data collection, processing, retrieval, and delivery of routine datab. S
SMC-8820#A	4373	mission essential	CSMS	functional	test	un-verified	test	un-verified	The SMC shall have the capability to generate detailed and summary reports indicating the product generation status made in processing, reprocessing, and storage of all standard products.
SMC-8840#A	4374	mission essential	CSMS	functional	test	un-verified	test	un-verified	The SMC shall have the capability to generate detailed and summary reports indicating the performance of ground resources, including, at a minimum:a. Resource availabilityb. Reason for down timec. Resource utilizationd. Ability of resource to meet perform

SMC-8841#A	4375	mission essential	CSMS	functional	test	un-verified	test	un-verified	The SMC shall have the capability to generate detailed and summary user feedback analysis reports describing the results of analyzing user satisfaction queries, including, at a minimum:a. User informationb. Type of transactionc. Satisfaction statisticsd.
SMC-8860#A	4376	mission essential	CSMS	functional	test	un-verified	test	un-verified	The SMC shall have the capability to generate detailed and summary fault management reports describing the fault management of ground resources, including, at a minimum:a. Fault type and descriptionb. Time of occurrence of faultc. Effect on systemd. Statu
SMC-8880#A 113	4377	mission critical	CSMS	security	test	un-verified	test	un-verified	The SMC shall have the capability to generate detailed and summary security compromise reports indicating security compromises of ground resources and facilities, including, at a minimum:a. Security compromise type and descriptionb. Time of occurrencec. C

interpretation   text
Resource Planning at DAACs and SMC; A: Exclusive allocation
A: Partial compliance - M&O staff involved in responding to faults
A: Partial compliance - M&O staff imvolved in responding to compromises
A: Partial/automated - except for item c. Management Agent Service on hosts with master agent/sub agent monitor application activities. resource statistics provided to site manager for performance or fault management is directed to log files.

interpretation   text
A: Full capability. Performed manually, except to the extent the staff opts to automate by using office automation tools and e-mail.
Manually performed with support from office automation tools.
SMC handling of ground events is viewed as manually supported by office automation tools. Priorities supported for resource planning at sites.
MSS collection and handling of product specific tracking data. MSS maintains log files.

Manual exchange of schedules
Database

interpretation   text

Local ground events are FIFO when compared with all   other ground events but the events have an implicit higher priority when compared with site activities not considered as "ground events."

This is viewed as procedural supported by office automation tools, e-mail, etc. SMC to (LSM) interactive messages for ground event traffic among Rel. A sites is via Exchange LAN and compliant with CSMS protocols and services.

A: Manually, except to the extent the staff opts to automate by using office automation tools.

A: Performed by M&O
staff using office
automation tools, e-mail,
and phone

A: Manual. Electronic
distribution, possibly
automated.

Database
interpretation   text
Facilitation of this requirement will be described by M&O in their 611/OP3 document. SMC to (LSM) interactive messages for ground event traffic among Rel. A sites is via EBnet and compliant with CSMS protocols and services.
A: Performed by M&O staff using phone and access to site's inventory status database.
A: Performed by M&O staff using phone and access to site's inventory status database.
A: Performed by M&O staff using phone and access to site's inventory status database.

A: Manually. Performed by M&O staff through maintaining site inventory status database.

A: Performed by M&O staff using phone and access to site's inventory status database.

A: Manually. Performed by M&O staff through maintaining site inventory status database.

A: Performed by M&O staff using phone and access to site's training planing documents.

A: Manually. Performed by M&O staff using phone, e-mail, or through access to site's training planning documents

A: Manually, except to the extent the staff opts to automate by using office automation tools.

A: Manually. Performed by M&O staff using e-mail and remote access to office automation tools.

A: Manually, except to the extent the staff opts to automate by using office automation tools

A: Manually, except to the extent the staff opts to automate by using office automation tools.

A: Manually, except to the extent the staff opts to automate by using office automation tools.

A: Performed by the staff using inventory system

A: SMC will have system wide configuration management and a consolidated ECS wide view. (Full capability)

A: Performed by staff using various CM and other tools

A: Performed by staff using various CM and other tools.

A: Partial compliance - Performed by M&O staff using vaious CM and other tools

A: Performed by staff using various CM and other tools

A: Manually, except to the extent the staff opts to automate by using basic office automation tools.

A: Partial compliance - performed by M&O staff using various office automation, CM, and other tools. SMC to (LSM) interactive messages for ground event traffic among Rel. A sites is via EBnet and compliant with CSMS protocols and services.

A: Partial to support distribution of toolkits

A: Full capability

A: Site and element hardware only, status required for this release.

A: Performed by M&O staff using manual or semi-automated performance management tools. Also MSS monitors event logs.

SMC monitors via MSS site reports. System site reports. System monitoring is federated across the DAACs & SMC. SMC to (LSM) interactive messages for ground event traffic among Rel. A sites is via EBnet and compliant with CSMS protocols and services.

A: Performed by M&O staff using manual or semi-automated performance management tools

A: Performed by M&O staff using flow up of available information from site MSS. System monitoring is federated across the DAACs & SMC.

A: Performed by M&O
staff using performance
management and
scheduling tools

A: Performed by M&O
staff using available
performance
management tools.

A: Performed by M&O
staff using various
performance
management tools

A: Performed by M&O
staff using available
performance
management tools

A: Performed by M&O
staff using performance
management tools

This requirement will
require L4s to be traced
to it. L4s should
indicate requirement to
provide tools to
facilitate meeting this
requirement to generate
request for performance
testing, while M&O will
write procedures to
accomplish this
capability.

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require L4s to be traced
to it. L4s should
indicate requirement to
provide tools to
facilitate meeting this
requirement to generate
request for performance
testing, while M&O will
write procedures to
accomplish this
capability.

A: Performed by M&O
staff using various
performance
management tools

A: Performed by M&O
staff using performance
management tools

A: Performed by M&O staff using various performance management tools

Facilitation of this requirement will be described by M&O in their 611/OP3 document.

A: Performed by M&O staff using office automation tools. SMC to (LSM) interactive messages for ground event traffic among Rel. A sites is via EBnet and compliant with CSMS protocols and services.

A: Full compliance - Performed by M&O staff using office automation tools

A: Partial compliance - not all sites, services, and componenets are in Rel. A

A: Performed by M&O staff using e-mail and/or phone

A: Partial compliance - manual or semi-automated

A: Performed by M&O staff using office automation tools or IMS-style text management

A: Partial compliance -
performed by M&O staff
using office automation
tools

A: Performed by M&O
staff using detection
tools

A: Performed by M&O
staff

A: Partial - Performed by M&O staff using office automation tools

A: Fully automated

A: Full compliance

A: Full compliance

A: Full compliance for sites, services, components, and products in Rel. A

A: Partial compliance since not all sites, services and components are in Rel. A

A: Full capability

A: Full compliance

A: Full Capability

A: Full capability -
allowed accesses to
privileges assumed under
site-level service control
for activated sites and
components may be
limited for this release.

A: Performed by M&O
Staff using office
automation tools

A: Full Capability

A: Full compliance

A: Manual or semi-automated

A: Full compliance

A: partial compliance for summary reports

A: semi-automated

A: Full capability

A: Full capability for
generating list of
proposed enhancements.

A: Performed by M&O
staff using office
automation tools.

A: Partial compliance

A: Full compliance

A: Performed by M&O
staff using office
automation tools.

A: Performed by M&O
staff using office
automation tools.

A: Capabilities d, e, and g
performed by M&O staff
which generates reports
using office automation
tools. Rest is
automated.